

**FAX**

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# Solvay Minerals Inc.

## ENVIRONMENTAL DEPARTMENT

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Date April 16, 1997

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To: **Bill Stark**  
**TRC Environmental Corp.**

From: **Dolly Potter**  
Phone **307-872-6571**  
Fax Phone **307-872-5876**

Bill,

As I mentioned, we temporarily installed continuous emissions monitors on each of our existing calciner stacks. The average and standard deviation of the hourly averages during the testing is listed below, the units are in pounds of VOC per ton of ore calcined (PPT):

Source	Average	Std Deviation	Ave + 3(Std Dev)
AQD #17	0.7341	0.2870	1.5950
AQD #48	0.4688	0.1995	1.0673

I looked through old stack test data since I spoke with you this morning. I found that testing during July, 1996 (three one hour runs) revealed even higher VOC rates than during the CEM testing. On second thought, maybe we should use the higher of these?? They are listed below:

Source	PPT VOC
AQD #17	1.483
AQD #48	1.940

The new calciner will be permitted for a maximum throughput of 275 TPH. Using the 1.94 PPT, the hourly VOC emission would be 533.5 PPH, or 2,337 TPY.

Give me a call if we need to further discuss this data.

*Dolly A. Potter*

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